

**Appendix D**

**Landfill Inspection Form**

## ANNUAL LANDFILL COVER INSPECTION CHECKLIST ITEMS

Specific Site Identification: \_\_\_\_\_ Date \_\_\_\_\_

### Landfill Cover Survey

1. Observe any areas on the cover that indicate signs of subsidence (e.g., obvious visible low spots on the cover surface where significant amounts of standing water can accumulate in puddles during significant precipitation events, check for the presence of large cracks on the surface of the cover).  
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\_\_\_\_\_  
\_\_\_\_\_
2. Observe any signs of erosion on the landfill cover (e.g., during windy conditions observe any evidence of dust blowing off of the cover, check for any erosion caused by stormwater runoff).  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. Check the condition of the vegetative cover. (e.g. check for bare spots in the vegetative cover; Note whether no vegetation has grown or whether the vegetation has died and has not been re-established, check for abnormal growth of weeds that may crowd out natural vegetation).  
\_\_\_\_\_  
\_\_\_\_\_

### Landfill Soil Gas Probes and Benchmark Survey

1. Check the general condition of the individual soil gas probes; make sure the ballards are intact (have not been knocked over by a vehicle), check for cracks on the concrete pad (monitor any minor cracks to ensure they do not widen and compromise the pad's integrity otherwise repairs may be necessary), make sure that the padlocks are in working condition (not stiff when unlocking the padlock), make sure that the plug on the PVC pipe is present and that the threads are in good condition.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. Check the condition of the brass benchmark implanted on the concrete pad; make sure that the concrete has not deteriorated around the benchmark and that the etched mark is still visible.  
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\_\_\_\_\_  
\_\_\_\_\_

Inspected by: \_\_\_\_\_

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## ANNUAL LANDFILL COVER INSPECTION CHECKLIST ITEMS

Specific Site Identification: 8-05-1 Date 6/29/99

### Landfill Cover Survey

1. Observe any areas on the cover that indicate signs of subsidence (e.g., obvious visible low spots on the cover surface where significant amounts of standing water can accumulate in puddles during significant precipitation events, check for the presence of large cracks on the surface of the cover).

No signs of subsidence observed

2. Observe any signs of erosion on the landfill cover (e.g., during windy conditions observe any evidence of dust blowing off of the cover, check for any erosion caused by stormwater runoff).

Very minor signs of erosion were observed on the west side of the cover caused by stormwater runoff but does not appear to be deteriorating beyond what was observed during the last inspection. Since the erosional features are barely observable, no repairs are required at this time.

3. Check the condition of the vegetative cover. (e.g. check for bare spots in the vegetative cover; Note whether no vegetation has grown or whether the vegetation has died and has not been re-established, check for abnormal growth of weeds that may crowd out natural vegetation).

The cover has some increase in vegetation over the previous year however there are still some significant bare spots with less vegetation than the other two sites. Weeds are growing within the bare spots.

### Landfill Soil Gas Probes and Benchmark Survey

1. Check the general condition of the individual soil gas probes; make sure the ballards are intact (have not been knocked over by a vehicle), check for cracks on the concrete pad (monitor any minor cracks to ensure they do not widen and compromise the pad's integrity otherwise repairs may be necessary), make sure that the padlocks are in working condition (not stiff when unlocking the padlock), make sure that the plug on the PVC pipe is present and that the threads are in good condition.

No deficiencies in the condition of the probes, ballards, and pad

2. Check the condition of the brass benchmark implanted on the concrete pad; make sure that the concrete has not deteriorated around the benchmark and that the etched mark is still visible.

No deficiencies observed

Inspected by: [Signature] 6/29/99

## ANNUAL LANDFILL COVER INSPECTION CHECKLIST ITEMS

Specific Site Identification: 8-05-1 Date 7/10/98

### Landfill Cover Survey

1. Observe any areas on the cover that indicate signs of subsidence (e.g., obvious visible low spots on the cover surface where significant amounts of standing water can accumulate in puddles during significant precipitation events, check for the presence of large cracks on the surface of the cover).

No signs of subsidence were observed

2. Observe any signs of erosion on the landfill cover (e.g., during windy conditions observe any evidence of dust blowing off of the cover, check for any erosion caused by stormwater runoff).

Some minor signs of erosion were observed on the west side of the cover that appears to have been caused by storm water runoff. It was determined that no repairs are required at this time since the erosional features are barely observable

3. Check the condition of the vegetative cover. (e.g. check for bare spots in the vegetative cover; Note whether no vegetation has grown or whether the vegetation has died and has not been re-established, check for abnormal growth of weeds that may crowd out natural vegetation).

Cover has some mature and immature vegetation but with significant bare spots (less vegetation than other two sites) Some weeds are growing within the bare spots

### Landfill Soil Gas Probes and Benchmark Survey

1. Check the general condition of the individual soil gas probes; make sure the ballards are intact (have not been knocked over by a vehicle), check for cracks on the concrete pad (monitor any minor cracks to ensure they do not widen and compromise the pad's integrity otherwise repairs may be necessary), make sure that the padlocks are in working condition (not stiff when unlocking the padlock), make sure that the plug on the PVC pipe is present and that the threads are in good condition.

No deficiencies observed

2. Check the condition of the brass benchmark implanted on the concrete pad; make sure that the concrete has not deteriorated around the benchmark and that the etched mark is still visible.

No deficiencies

Inspected by: 

7/10/98

## ANNUAL LANDFILL COVER INSPECTION CHECKLIST ITEMS

Specific Site Identification: 8-05-1 Date 6/25/97

### Landfill Cover Survey

1. Observe any areas on the cover that indicate signs of subsidence (e.g., obvious visible low spots on the cover surface where significant amounts of standing water can accumulate in puddles during significant precipitation events, check for the presence of large cracks on the surface of the cover).

No signs of subsidence observed

2. Observe any signs of erosion on the landfill cover (e.g., during windy conditions observe any evidence of dust blowing off of the cover, check for any erosion caused by stormwater runoff).

No signs of erosion observed

3. Check the condition of the vegetative cover. (e.g. check for bare spots in the vegetative cover; Note whether no vegetation has grown or whether the vegetation has died and has not been re-established, check for abnormal growth of weeds that may crowd out natural vegetation).

immature vegetation observed with significant bare spots (more than the other two locations) Abnormal growth of weeds noted over the cover with the bare spots

### Landfill Soil Gas Probes and Benchmark Survey

1. Check the general condition of the individual soil gas probes; make sure the ballards are intact (have not been knocked over by a vehicle), check for cracks on the concrete pad (monitor any minor cracks to ensure they do not widen and compromise the pad's integrity otherwise repairs may be necessary), make sure that the padlocks are in working condition (not stiff when unlocking the padlock), make sure that the plug on the PVC pipe is present and that the threads are in good condition.

No deficiencies

2. Check the condition of the brass benchmark implanted on the concrete pad; make sure that the concrete has not deteriorated around the benchmark and that the etched mark is still visible.

No deficiencies

Inspected by: [Signature]

6/25/97

## ANNUAL LANDFILL COVER INSPECTION CHECKLIST ITEMS

Specific Site Identification: 8-05-51 Date 6/29/99

### Landfill Cover Survey

1. Observe any areas on the cover that indicate signs of subsidence (e.g., obvious visible low spots on the cover surface where significant amounts of standing water can accumulate in puddles during significant precipitation events, check for the presence of large cracks on the surface of the cover).

No signs of subsidence observed

2. Observe any signs of erosion on the landfill cover (e.g., during windy conditions observe any evidence of dust blowing off of the cover, check for any erosion caused by stormwater runoff).

No signs of erosion were observed

3. Check the condition of the vegetative cover. (e.g. check for bare spots in the vegetative cover; Note whether no vegetation has grown or whether the vegetation has died and has not been re-established, check for abnormal growth of weeds that may crowd out natural vegetation).

Cover vegetation density has increased over the previous year however there are still some bare spots where some weeds are growing (density of weeds is less than the previous year) It appears that cover vegetation is starting to establish itself at this location

### Landfill Soil Gas Probes and Benchmark Survey

1. Check the general condition of the individual soil gas probes; make sure the ballards are intact (have not been knocked over by a vehicle), check for cracks on the concrete pad (monitor any minor cracks to ensure they do not widen and compromise the pad's integrity otherwise repairs may be necessary), make sure that the padlocks are in working condition (not stiff when unlocking the padlock), make sure that the plug on the PVC pipe is present and that the threads are in good condition.

No deficiencies observed

2. Check the condition of the brass benchmark implanted on the concrete pad; make sure that the concrete has not deteriorated around the benchmark and that the etched mark is still visible.

No deficiencies observed

Inspected by: [Signature]

6/29/99

## ANNUAL LANDFILL COVER INSPECTION CHECKLIST ITEMS

Specific Site Identification: 8-05-51 Date 7/10/98

### Landfill Cover Survey

1. Observe any areas on the cover that indicate signs of subsidence (e.g., obvious visible low spots on the cover surface where significant amounts of standing water can accumulate in puddles during significant precipitation events, check for the presence of large cracks on the surface of the cover).

No signs of subsidence were observed

2. Observe any signs of erosion on the landfill cover (e.g., during windy conditions observe any evidence of dust blowing off of the cover, check for any erosion caused by stormwater runoff).

No signs of erosion were observed

3. Check the condition of the vegetative cover. (e.g. check for bare spots in the vegetative cover; Note whether no vegetation has grown or whether the vegetation has died and has not been re-established, check for abnormal growth of weeds that may crowd out natural vegetation).

cover has some mature and immature vegetation with some bare spots (but less than previous years) some weeds are growing within the bare spots

### Landfill Soil Gas Probes and Benchmark Survey

1. Check the general condition of the individual soil gas probes; make sure the ballards are intact (have not been knocked over by a vehicle), check for cracks on the concrete pad (monitor any minor cracks to ensure they do not widen and compromise the pad's integrity otherwise repairs may be necessary), make sure that the padlocks are in working condition (not stiff when unlocking the padlock), make sure that the plug on the PVC pipe is present and that the threads are in good condition.

No deficiencies observed

2. Check the condition of the brass benchmark implanted on the concrete pad; make sure that the concrete has not deteriorated around the benchmark and that the etched mark is still visible.

No deficiencies observed

Inspected by: [Signature] 7/10/98



## ANNUAL LANDFILL COVER INSPECTION CHECKLIST ITEMS

Specific Site Identification: 8-05-51 Date 6/25/97

### Landfill Cover Survey

1. Observe any areas on the cover that indicate signs of subsidence (e.g., obvious visible low spots on the cover surface where significant amounts of standing water can accumulate in puddles during significant precipitation events, check for the presence of large cracks on the surface of the cover).

No signs of subsidence observed

2. Observe any signs of erosion on the landfill cover (e.g., during windy conditions observe any evidence of dust blowing off of the cover, check for any erosion caused by stormwater runoff).

No signs of erosion observed

3. Check the condition of the vegetative cover. (e.g. check for bare spots in the vegetative cover; Note whether no vegetation has grown or whether the vegetation has died and has not been re-established, check for abnormal growth of weeds that may crowd out natural vegetation).

immature vegetation observed with significant bare spots  
abnormal growth of weeds noted over the cover in some of the bare spots

### Landfill Soil Gas Probes and Benchmark Survey

1. Check the general condition of the individual soil gas probes; make sure the ballards are intact (have not been knocked over by a vehicle), check for cracks on the concrete pad (monitor any minor cracks to ensure they do not widen and compromise the pad's integrity otherwise repairs may be necessary), make sure that the padlocks are in working condition (not stiff when unlocking the padlock), make sure that the plug on the PVC pipe is present and that the threads are in good condition.

No deficiencies

2. Check the condition of the brass benchmark implanted on the concrete pad; make sure that the concrete has not deteriorated around the benchmark and that the etched mark is still visible.

No deficiencies

Inspected by: 

6/25/97

## ANNUAL LANDFILL COVER INSPECTION CHECKLIST ITEMS

Specific Site Identification:

8-06-53

Date 6/29/99

### Landfill Cover Survey

1. Observe any areas on the cover that indicate signs of subsidence (e.g., obvious visible low spots on the cover surface where significant amounts of standing water can accumulate in puddles during significant precipitation events, check for the presence of large cracks on the surface of the cover).

*No signs of subsidence observed*

2. Observe any signs of erosion on the landfill cover (e.g., during windy conditions observe any evidence of dust blowing off of the cover, check for any erosion caused by stormwater runoff).

*No signs of erosion were observed*

3. Check the condition of the vegetative cover. (e.g. check for bare spots in the vegetative cover; Note whether no vegetation has grown or whether the vegetation has died and has not been re-established, check for abnormal growth of weeds that may crowd out natural vegetation).

*Cover vegetation density has increased significantly over the previous year with very few bare spots and a very low density of weeds. Cover vegetation seems to have established itself at this location.*

### Landfill Soil Gas Probes and Benchmark Survey

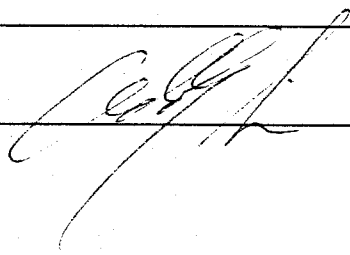
1. Check the general condition of the individual soil gas probes; make sure the ballards are intact (have not been knocked over by a vehicle), check for cracks on the concrete pad (monitor any minor cracks to ensure they do not widen and compromise the pad's integrity otherwise repairs may be necessary), make sure that the padlocks are in working condition (not stiff when unlocking the padlock), make sure that the plug on the PVC pipe is present and that the threads are in good condition.

*No deficiencies observed*

2. Check the condition of the brass benchmark implanted on the concrete pad; make sure that the concrete has not deteriorated around the benchmark and that the etched mark is still visible.

*No deficiencies observed*

Inspected by:



6/29/99

## ANNUAL LANDFILL COVER INSPECTION CHECKLIST ITEMS

Specific Site Identification: 8-06-53 Date 7/10/98

### Landfill Cover Survey

1. Observe any areas on the cover that indicate signs of subsidence (e.g., obvious visible low spots on the cover surface where significant amounts of standing water can accumulate in puddles during significant precipitation events, check for the presence of large cracks on the surface of the cover).

No signs of subsidence were observed

2. Observe any signs of erosion on the landfill cover (e.g., during windy conditions observe any evidence of dust blowing off of the cover, check for any erosion caused by stormwater runoff).

No signs of erosion were observed

3. Check the condition of the vegetative cover. (e.g. check for bare spots in the vegetative cover; Note whether no vegetation has grown or whether the vegetation has died and has not been re-established, check for abnormal growth of weeds that may crowd out natural vegetation).

Some mature and immature vegetation are present on the cover with some bare spots (the density of vegetation is higher at this site than the other two) some weeds are growing within the bare spots

### Landfill Soil Gas Probes and Benchmark Survey

1. Check the general condition of the individual soil gas probes; make sure the ballards are intact (have not been knocked over by a vehicle), check for cracks on the concrete pad (monitor any minor cracks to ensure they do not widen and compromise the pad's integrity otherwise repairs may be necessary), make sure that the padlocks are in working condition (not stiff when unlocking the padlock), make sure that the plug on the PVC pipe is present and that the threads are in good condition.

No deficiencies

2. Check the condition of the brass benchmark implanted on the concrete pad; make sure that the concrete has not deteriorated around the benchmark and that the etched mark is still visible.

No deficiencies

Inspected by: 

7/10/98

## ANNUAL LANDFILL COVER INSPECTION CHECKLIST ITEMS

Specific Site Identification: 8-06-53 Date 6/25/97

### Landfill Cover Survey

1. Observe any areas on the cover that indicate signs of subsidence (e.g., obvious visible low spots on the cover surface where significant amounts of standing water can accumulate in puddles during significant precipitation events, check for the presence of large cracks on the surface of the cover).

none observed

2. Observe any signs of erosion on the landfill cover (e.g., during windy conditions observe any evidence of dust blowing off of the cover, check for any erosion caused by stormwater runoff).

none observed

3. Check the condition of the vegetative cover. (e.g. check for bare spots in the vegetative cover; Note whether no vegetation has grown or whether the vegetation has died and has not been re-established, check for abnormal growth of weeds that may crowd out natural vegetation).

immature vegetation observed with significant bare spots  
also abnormal growth of weeds over the cover

### Landfill Soil Gas Probes and Benchmark Survey

1. Check the general condition of the individual soil gas probes; make sure the ballards are intact (have not been knocked over by a vehicle), check for cracks on the concrete pad (monitor any minor cracks to ensure they do not widen and compromise the pad's integrity otherwise repairs may be necessary), make sure that the padlocks are in working condition (not stiff when unlocking the padlock), make sure that the plug on the PVC pipe is present and that the threads are in good condition.

No deficiencies found

2. Check the condition of the brass benchmark implanted on the concrete pad; make sure that the concrete has not deteriorated around the benchmark and that the etched mark is still visible.

No deficiencies observed

Inspected by: ALF 6/25/97